AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (original) An image character recording method comprising the steps of fixing a glass substrate on a cylindrical support member, rotating the cylindrical support member (a fast scan), moving a laser recording head in an axial direction of the cylindrical support member (a slow scan), and modulating and controlling a laser beam like an image through the laser recording head to record an image character on the glass substrate.

2. (original) The image character recording method according to claim 1, wherein a radius of curvature of the cylindrical support member is set within a bending permissible stress of the glass substrate.

3. (original) The image character recording method according to claim 2, wherein the radius of curvature of an ordinary glass is 1.39 m or more.

4. (previously presented) The image character recording method according to claim 1, wherein a plurality of glass substrates are fixed onto the cylindrical support member.

5. (original) An image character recording apparatus comprising a glass substrate housing cassette for superposing a plurality of glass substrates and accommodating them, a cylindrical support member capable of fixing the glass substrate, a glass substrate delivery mechanism for taking out the glass substrate in an uppermost part of the glass substrate housing cassette and delivering the same glass substrate onto the cylindrical support member, a glass substrate fixing mechanism for fixing the glass substrate onto the cylindrical support member, a rotating device for rotating the cylindrical support member, a laser recording head which is movable in an axial direction of the cylindrical support member, and a modulating controller for modulating and controlling a laser beam transmitted from the laser recording head.

6. (original) The image character recording apparatus according to claim 5, wherein a radius of curvature of the cylindrical support member is set within a bending permissible stress of the glass substrate.

7. (original) The image character recording apparatus according to claim 6, wherein the cylindrical support member is a recording drum.

8. (original) The image character recording apparatus according to claim 6, wherein the cylindrical support member is formed with a plurality of discs arranged in an axial direction.

9. (new) The image character recording method of claim 1, wherein the step of fixing the glass substrate on the cylindrical support member comprises the steps of:

winding the glass substrate onto the cylindrical support member; and

winding a transfer sheet onto the cylindrical support member over the glass substrate;

wherein the step of moving the laser recording head exposes the transfer sheet to a laser emitted by the laser recording, which causes an image transfer from the transfer sheet onto the glass substrate.

10. (new) The image character recording method of claim 9, wherein the steps are repeated so as to form a color image having a plurality of colors on the glass substrate.

11. (new) The image character recording method of claim 10, wherein the method steps are performed to produce a color filter for a liquid crystal display.

12. (new) The image character recording method of claim 1, wherein the step of fixing the glass substrate on the cylindrical support member comprises pressing and fixing both ends of the glass substrate on the cylindrical support member by a roller, and winding the glass substrate upon the cylindrical support member as the cylindrical support member is rotated with the glass substrate being pressed by the roller.

13. (new) The image character recording apparatus of claim 5, further comprising:

a transfer sheet supply section constructed and arranged to supply a transfer sheet to cover said glass substrate after the glass substrate has been fixed onto the cylindrical support member; and

means for subjecting the transfer sheet to a laser so as to form an image on the glass substrate.

14. (new) The image character recording apparatus of claim 13, wherein the transfer sheet is constructed and arranged so as to produce an image on the glass substrate that comprises a plurality of colors.

15. (new) The image character recording apparatus of claim 14, wherein the transfer sheet is constructed and arranged so as to produce an image on the glass substrate that renders the glass substrate appropriate for use as a color filter for a liquid crystal display.

16. (new) The image character recording apparatus of claim 5, wherein the glass substrate fixing mechanism comprises a roller for pressing and fixing both ends of the glass substrate on the cylindrical support member, and winding the glass substrate upon the cylindrical support member as the cylindrical support member is rotated with the glass substrate being pressed by the roller.

17. (new) The image character recording method according to claim 2, wherein the radius of curvature of the cylindrical support member is set when the glass substrate is wound.

18. (new) The image character recording apparatus according to claim 6, wherein the radius of curvature of the cylindrical support member is set when the glass substrate is wound.